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INFORMATION REPORT

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COUNTRY East Germany

DATE DISTR. 25 October 1954

SUBJECT VEB Konstruktion u. Entwicklung fuer Kabel u. Apparatebau, Leipzig, and the Infrared Development Laboratory, Berlin

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SUPPLEMENT TO REPORT NO.

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THIS IS UNEVALUATED INFORMATION

1. The HV Kabel- und Apparatebau (Main Administration for Cable and Apparatus Works) in Leipzig maintained, within the framework of its designs and development office, a laboratory for batteries and electric generators in Zwickau, and a laboratory for infra-red techniques in Berlin.

2. The laboratory at 69 Rolf-Luxemburg-Strasse in Zwickau was headed by Dr. Werner (fnu) and was said to employ 100 [illegible].

3. Laboratory No 3 occupied a room in the Berlin laboratory for infra-red techniques. Laboratory No 3 was working on the development of cheap primary cells of the smallest possible dimensions. The two engineers assigned to this laboratory were mainly concerned with the production and testing of activated carbons as used for the manufacture of primary cells. It was planned to move laboratory No 3 from Berlin to Zwickau in early June 1954.[1]

4. The development laboratory for infra-red techniques at 69/73 Prenzlauer-Berger-Weg in Berlin/[illegible]-Weide, which had reference number 36/362/101, was headed by [illegible]ug (fnu) and employed 10 to 15 technical assistants. One of the physics laboratory was Piotrowsky (fnu); the chief of the design department was Post (fnu). The development laboratory worked on the design and development of apparatus for more efficient thermo-technical procedures required for the drying of lacquer paints and fabrics.[2]

5. During the past few years, 450 machines of various types utilizing infra-red techniques for drying procedures have been manufactured in the GDR. Most of these were delivered to the lacquer and paint industry and the graphic industry. About one third of the installations remained in the GDR while the other two thirds were exported, most of them to other satellites. Recently, the laboratory for infra-red techniques started development on the treatment with infra-red rays of food to be canned. Extensive research work has also been conducted on the effect of infra-red rays on the germinating power of seeds. It was believed at the laboratory that in two years' time at the latest a method would be found to treat sugar beet seeds in such a way as to eliminate the time-consuming and uneconomic thinning-out of sugar beet plants sowed in a row. The roasting of coffee by means of infra-red rays was scheduled to be conducted on a large scale in the near future. The roasting of cocoa

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with infra-red rays was still in an experimental phase. The new procedure was expected to reduce the time required for the processing of cocoa beans from 70 to 80 hours to 20 to 25 hours. As in the field of coffee roasting, the roasting of cocoa by means of infra-red rays was said to result in a much improved flavor.

Comment. For organizational set-up of the Development Bureau for Batteries and Electric Generators in Zwickau,

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Annex to

Organizational Setup of the Development Laboratory for Batteries and Electric Generators in Zwickau.

Status of 1 May 1954

Chief	:	Dr. Winkler
Secretariat	:	Ebel
Planning Department	:	Protscher
Patent Office	:	Ing. Zimmermann
Bookkeeping Department	:	Protscher
Motor Pool	:	Epperlein
Laboratory I	:	Baecsler (Ordnung)
Test Field I	:	Schaumlöe
Physics Department	:	Thaemmler
Designs Department	:	Dipl. Ing. Mueller
Laboratory II	:	Simonides
Test Field II	:	Steiner
Laboratory III (Berlin-Niederschoenweide)	:	Ing. Florschuetz

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